

Amendments to the Abstract:

Please replace the paragraph beginning at page 83, line 7 with the following amended paragraph:

This invention provides prokaryotic ~~β 1,4 N-acetylglucosaminyl (GalNAc) β 1,4-~~
~~N-acetyl~~galactosaminyl (GalNAc) transferases involved in synthesis of lipooligosaccharide
(LOS). β 1,4-GalNAc transferases are obtained from, for example, *Campylobacter* species,
including *C. jejuni*. In additional embodiments, the invention provides nucleic acids that encode
the β 1,4-GalNAc transferases, as well as expression vectors and host cells for expressing the
 β 1,4-GalNAc transferases.